

Applicant: Sowinski et al.
Application No.: Unassigned
Docket No.: 760-102 DIV
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Amendments to the Specification:

Please replace Paragraph [0040] with the following paragraph:

[0040] The ePTFE tubular structure of the present invention is made by the following steps. The method consists of first forming a tube of polytetrafluoroethylene, preferably by extrusion of a tube which provides longitudinally oriented ~~fibers~~ fibrils in the tube. The polytetrafluoroethylene tube is then stretched to form an ePTFE tube with longitudinally oriented fibrils. A longitudinally stretched ePTFE tube is known in the art and is comprised of fibrils oriented in a longitudinal direction and nodes oriented in a circumferential direction of the tube. The ePTFE tube is then placed circumferentially exterior to a longitudinally foreshortening radially expanding mechanism. The ePTFE tube may be heated to a temperature between 86° and 600 ~~650~~°F, and the heating acts in combination with the radial pressure exerted from the foreshortening radial expansion device stent to radially expand the tubular structure.

Please replace Paragraph [0041] with the following paragraph:

[0041] The ePTFE tube may be radially expanded and longitudinally foreshortened without the use of heat. It may be desirable, however, to radially expand the tube with the use of heat. Heat is applied in order to facilitate the radial expansion. The temperature and time applied will vary with different types of ePTFE tubes. Generally, the thicker the wall of the tubular structure, the more heat is desired. The heat applied is generally in the range of 86°F and 600 ~~650~~°F, preferably in the range of 200°F to 500°F, and most preferably about 200°-350°F.

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Please replace Paragraph [0053] with the following paragraph:

[0053] In another aspect, the resilient pattern is a warp knitted pattern having sets of yarns diagonally shifted over two or more yarns before forming a loop between engaging yarns. Such a resilient pattern is a warp knit pattern with at least a two needle underlap. Such patterns depart a high degree of flexibility and stretchability to the textile graft. Such knit patterns can be seen in the commonly assigned applications Application Nos. 09/898,103, titled “Low Profile, High Stretch, Low Dilation Knit Prosthetic Device”, filed July 3, 2001, now U.S. Patent No. 6,554,855, and 09/898,097, titled “Low Profile, High Stretch Knit Prosthetic Device”, filed on July 3, 2001, now U.S. Patent No. 6,540,773, the contents of which the same date as the presently filed application. The applications have Attorney Docket Nos. 498-257 and 498-258, respectively and are herein incorporated by reference.